

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP 2004/11952

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ C07C59/64, 59/68, 59/72, 69/734, 205/44, 205/56, 217/18, 217/76, 229/42,

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C07C59/64, 59/68, 59/72, 69/734, 205/44, 205/56, 217/18, 217/76, 229/42,

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 Japanese Utility Model Gazette 1922-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2004, Japanese Registered Utility Model Gazette 1994-2004, Japanese Gazette Containing the Utility Model 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CAPLUS (STN), REGISTRY (STN)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	WO 93/12095 A (PFIZER LIMITED), 1993.06.24, Claims, Example 10-12 & EP 628032 A & US 5482941 A & JP 7-502029 A	1-3, 5-7, 9, 11-13, 26 4, 8, 10, 14-25, 27-30
X A	GB 1379526 A (MERCK & CO INC.), 1975.01.02, Claims, Example 74-76, 81-83, 102-105, 111, 112 & US 3816443 A & DE 2307828 A1 & FR 2181743 A1 & JP 48-86863 A	1-3, 5, 6, 26 4, 7-25, 27-30
X A	TAMURA Y. et al., "Nonsteroidal Antiinflammatory Agents. 1.", J. Med. Chem., 1977, Vol.20, No.5, pp.709-714 (Compound 5g, 6n)	1, 2, 6, 7, 9, 11, 12, 26 3-5, 8, 10, 13-25, 27-30
X A	DE 2046992 A1 (MERCK PATENT GMBH), 1972.03.30, Claims, Example 1 (Family: none)	1, 2, 26 3-25, 27-30

☒ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

01.11.2004

Date of mailing of the international search report

16.11.2004

Name and mailing address of the ISA/JP

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PCT/JP2004/11952

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	JP 39-6668 B1 (KAMETANI TETSUJI), 1964.05.07, p.1 Figure (Family: none)	29 1-28, 30
X A	JP 50-58087 A (SHIONOGI AND CO., LTD.), 1975.05.20, Example, Compound (II) (Family: none)	29 1-28, 30
X A	WO 96/32379 A1 (FUJISAWA PHARMACEUTICAL CO., LTD.), 1996.10.17, Preparation 17 & EP 820441 A1 & US 6069156 A & JP 11-503445 A	29 1-28, 30
X A	WO 02/28853 A1 (TANABE SEIYAKU CO., LTD.), 2002.04.11, Claim 8, pp.31-34, pp.43-49 & JP 2002-220386 A	30 1-29
X A	WO 01/39773 A1 (SMITHKLINE BEECHAM CORPORATION), 2001.06.07, Scheme 2, Examples & EP 1244446 A1 & US 2003/83361 A1 & JP 2003-515560 A	30 1-29
P, X	WO 03/70686 A1 (ASAHI KASEI KABUSHIKI KAISHA), 2003.08.28, Claims, Examples, Scheme 4, 11 & US 2004/44258 A1	1-30

Continuation of A. CLASSIFICATION OF SUBJET MATTER

C07C233/25, 233/54, 323/12, 47/575,
C07D207/30, 209/08, 209/46, 213/30,
A61K31/192, 31/216, 31/341, 31/343, 31/357, 31/36, 31/381, 31/40,
31/4035, 31/404, 31/415, 31/416, 31/4162, 31/4164, 31/4174,
31/4178, 31/4184, 31/4192, 31/42, 31/421, 31/422, 31/423,
31/4245, 31/426, 31/427, 31/428, 31/433, 31/437, 31/44, 31/4402,
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31/472, 31/4725, 31/498, 31/4985, 31/502, 31/517, 31/5375,
A61P1/02, 1/04, 1/16, 1/18, 3/10, 5/14, 7/02, 7/04, 7/06, 9/04,
9/06, 9/10, 11/00, 11/06, 11/08, 13/12, 15/00, 15/08, 17/02,
17/06, 17/12, 19/02, 19/06, 19/10, 21/00, 21/02, 25/00, 27/02,
27/16, 29/00, 31/04, 31/10, 31/12, 33/00, 35/00, 37/02, 37/08,
43/00

Continuation of B. FIELDS SEARCHED

C07C233/25, 233/54, 323/12, 47/575,
C07D207/30, 209/08, 209/46, 213/30,
A61K31/192, 31/216, 31/341, 31/343, 31/357, 31/36, 31/381, 31/40,
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A61P1/02, 1/04, 1/16, 1/18, 3/10, 5/14, 7/02, 7/04, 7/06, 9/04,
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17/06, 17/12, 19/02, 19/06, 19/10, 21/00, 21/02, 25/00, 27/02,
27/16, 29/00, 31/04, 31/10, 31/12, 33/00, 35/00, 37/02, 37/08,
43/00